

A method is provided for measuring a far-end reflectance of a fiber-optic cable. The method comprises the steps of connecting an end face of the fiber-optic cable to a transceiver comprising a transmitter for transmitting an optical signal and a receiver for receiving an optical signal, transmitting an optical signal from the transmitter of the transceiver and receiving the optical signal reflected by the other end face of the fiber-optic cable, and measuring a first amount of light of the reflected optical signal, where the other end face of the fiber-optic cable is open to air, or where the other end face of the fiber-optic cable is made to contact a solid having the same or substantially the same refractive index as that of the fiber-optic cable, and measuring the far-end reflectance of the fiber-optic cable based on the first and second amounts of light.